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PI Mahajan PB, Tagilant L;
XX
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DR P-PSDB; AAY71458.
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PT the levels of polypeptides in plant or in assays for identifying
PT compounds that bind to and/or increase/decrease enzymatic activity of
PT catalytically active polypeptides -
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XX
PS Claim 1e; Page 73-75; 82pp; English.
XX
CC The present sequence is the cDNA encoding maize Rad23 protein #1. It is
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CC corn root worm. This cDNA is deposited under the ATCC No: PTA-530. Maize
CC Rad23 DNA sequence operably linked to a promoter can be used to construct
CC a recombinant expression cassette. This expression cassette can be used
CC to generate a dicot or monocot transgenic plant e.g., maize, soybean,
CC sunflower, sorghum, canola, wheat, etc.. It can also be used to modulate
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CC the levels of Rad23 polypeptide expression in a plant or in assays to
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KW metabolic pathway; promoter; termination sequence; ss.
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PR 12-JUL-1999; 99US-0142977.
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PR 14-JUL-1999; 99US-0143624.
PR 15-JUL-1999; 99US-0144005.
PR 16-JUL-1999; 99US-0144085.
PR 16-JUL-1999; 99US-0144086.
PR 19-JUL-1999; 99US-0144325.
PR 19-JUL-1999; 99US-0144331.
PR 19-JUL-1999; 99US-0144332.
PR 19-JUL-1999; 99US-0144333.
PR 19-JUL-1999; 99US-0144334.
PR 19-JUL-1999; 99US-0144335.
PR 20-JUL-1999; 99US-0144352.
PR 20-JUL-1999; 99US-0144632.
PR 20-JUL-1999; 99US-0144884.
PR 21-JUL-1999; 99US-0144814.
PR 21-JUL-1999; 99US-0145066.
PR 21-JUL-1999; 99US-0145088.
PR 22-JUL-1999; 99US-0145087.
PR 22-JUL-1999; 99US-0145087.
PR 22-JUL-1999; 99US-0145089.
PR 22-JUL-1999; 99US-0145192.
PR 23-JUL-1999; 99US-0145145.
PR 23-JUL-1999; 99US-0145218.
PR 23-JUL-1999; 99US-0145224.
PR 26-JUL-1999; 99US-0145276.
PR 27-JUL-1999; 99US-0145913.
PR 27-JUL-1999; 99US-0145918.
PR 27-JUL-1999; 99US-0145919.
PR 28-JUL-1999; 99US-0145951.

PR 02-AUG-1999; 99US-0146386.
PR 02-AUG-1999; 99US-0146388.
PR 02-AUG-1999; 99US-0146389.
PR 03-AUG-1999; 99US-0147038.
PR 04-AUG-1999; 99US-0147204.
PR 05-AUG-1999; 99US-0147302.
PR 05-AUG-1999; 99US-0147192.
PR 06-AUG-1999; 99US-0147260.
PR 06-AUG-1999; 99US-0147303.
PR 09-AUG-1999; 99US-0147493.
PR 09-AUG-1999; 99US-0147935.
PR 10-AUG-1999; 99US-0148171.
PR 11-AUG-1999; 99US-0148319.
PR 12-AUG-1999; 99US-0148341.
PR 13-AUG-1999; 99US-0148565.
PR 13-AUG-1999; 99US-0148684.
PR 16-AUG-1999; 99US-0149368.
PR 17-AUG-1999; 99US-0149175.
PR 18-AUG-1999; 99US-0149426.
PR 20-AUG-1999; 99US-0149722.
PR 20-AUG-1999; 99US-0149723.
PR 20-AUG-1999; 99US-0149929.
PR 23-AUG-1999; 99US-0149902.
PR 23-AUG-1999; 99US-0149930.
PR 25-AUG-1999; 99US-0150566.
PR 26-AUG-1999; 99US-0150884.
PR 27-AUG-1999; 99US-0151065.
PR 27-AUG-1999; 99US-0151066.
PR 27-AUG-1999; 99US-0151080.
PR 30-AUG-1999; 99US-0151303.
PR 31-AUG-1999; 99US-0151438.
PR 01-SEP-1999; 99US-0151930.
PR 07-SEP-1999; 99US-0152363.
PR 10-SEP-1999; 99US-0153070.
PR 13-SEP-1999; 99US-0153758.
PR 15-SEP-1999; 99US-0154018.
PR 16-SEP-1999; 99US-0154039.
PR 20-SEP-1999; 99US-0154779.
PR 22-SEP-1999; 99US-0155139.
PR 23-SEP-1999; 99US-0155486.
PR 24-SEP-1999; 99US-0156559.
PR 28-SEP-1999; 99US-0156458.
PR 29-SEP-1999; 99US-0156596.
PR 04-OCT-1999; 99US-0157717.
PR 05-OCT-1999; 99US-0157753.
PR 06-OCT-1999; 99US-0157865.
PR 07-OCT-1999; 99US-0158029.
PR 08-OCT-1999; 99US-0158232.
PR 12-OCT-1999; 99US-0158369.
PR 13-OCT-1999; 99US-0159293.
PR 13-OCT-1999; 99US-0159294.
PR 13-OCT-1999; 99US-0159295.
PR 14-OCT-1999; 99US-0159329.
PR 14-OCT-1999; 99US-0159330.
PR 14-OCT-1999; 99US-0159331.
PR 14-OCT-1999; 99US-0159637.
PR 14-OCT-1999; 99US-0159638.
PR 18-OCT-1999; 99US-0159584.
PR 21-OCT-1999; 99US-0160741.
PR 21-OCT-1999; 99US-0160767.
PR 21-OCT-1999; 99US-0160768.
PR 21-OCT-1999; 99US-0160770.
PR 21-OCT-1999; 99US-0160814.
PR 21-OCT-1999; 99US-0160815.
PR 22-OCT-1999; 99US-0160980.
PR 22-OCT-1999; 99US-0160981.
PR 22-OCT-1999; 99US-0160989.
PR 25-OCT-1999; 99US-0161404.
PR 25-OCT-1999; 99US-0161405.
PR 26-OCT-1999; 99US-0161406.
PR 26-OCT-1999; 99US-0161359.
PR 26-OCT-1999; 99US-0161360.

PR 26-OCT-1999: 99US-0161361.
PR 28-OCT-1999: 99US-0161930.
PR 28-OCT-1999: 99US-0161982.
PR 28-OCT-1999: 99US-0161993.
PR 29-OCT-1999: 99US-0162142.

alignment_scores:

Quality:	11.00	Length:	11
Ratio:	1.000	Gaps:	0
Percent Similarity:	100.000	Percent Identity:	100.000

alignment_block:

US-09-805-550-4 x AAC43990 ..

Align seg 1/1 to: AAC43990 from: 1 to: 720

5 Vallysrhrleuylsglythrhlsphegiulle 15
|||||
130 GTGAAACTCTCAAGGGGACCTTCGAGATC 162

seq_name: /SIDS1/gcdata/geneseq/geneseqn-emb1/NA2001B.DAT:ABL03535

seq_documentation_block:

ID ABL03535 standard; cDNA; 1477 BP.

AC ABL03535;

DT 26-MAR-2002 (first entry)

DE Drosophila melanogaster expressed polynucleotide SEQ ID NO 5087.

KW Drosophila: developmental biology; cell signalling; insecticide;

KM pharmaceutical; gene; ss.

OS Drosophila melanogaster.

PN WO200171042-A2.

PD 27-SEP-2001.

PF 23-MAR-2001; 2001WO-US09231.

PR 23-MAR-2000; 2000US-191637P.

PR 11-JUL-2000; 2000US-0614150.

PA (PEKE) PE CORP NY.

PI Venter JC, Adams M, Li PWD, Myers EW;

DR WPI: 2001-656860/75.

DR P-PSDB; ABB59432.

PT New isolated nucleic acid detection reagent for detecting 1000 or more
genes from Drosophila and for elucidating cell signalling and cell-cell
interactions -

PS Claim 1; SEQ ID NO 5087; 21pp + Sequence Listing; English.

XX The invention relates to an isolated nucleic acid detection reagent
XX capable of detecting 1000 or more genes from Drosophila. The invention is
XX useful in developmental biology and in elucidating cell signalling and
XX cell-cell interactions in higher eukaryotes for the development of
XX insecticides, therapeutics and pharmaceutical drugs. The invention
XX discloses genomic DNA sequences (AB116176-AB130511), expressed DNA
XX sequences (ABL01840-ABL16175) and the encoded proteins
XX (ABB57737-ABB72072).

CC The sequence data for this patent did not form part of the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pct_sequences.

CC Sequence 1477 BP; 462 A; 313 C; 298 G; 404 T; 0 other;

alignment_scores:

Quality:	11.00	Length:	11
Ratio:	1.000	Gaps:	0
Percent Similarity:	100.000	Percent Identity:	100.000

alignment_block:

US-09-805-550-4 x ABL03535 ..

Align seg 1/1 to: ABL03535 from: 1 to: 1477

173 TTYrAsnAsnProGluArGAlaValGIuTYrleu 183
|||||
667 TATTAACACCCGGAAAGACCGCTTGAAATATCTC 699

seq_name: /SIDS1/gcdata/geneseq/geneseqn-emb1/NA2001B.DAT:ABL03534

seq_documentation_block:

ID ABL03534 standard; cDNA; 4198 BP.

AC ABL03534;

DT 26-MAR-2002 (first entry)

DE Drosophila melanogaster expressed polynucleotide SEQ ID NO 5084.

KW Drosophila: developmental biology; cell signalling; insecticide;

KM pharmaceutical; gene; ss.

OS Drosophila melanogaster.

PN WO200171042-A2.

PD 27-SEP-2001.

PF 23-MAR-2001; 2001WO-US09231.

PR 23-MAR-2000; 2000US-191637P.

PR 11-JUL-2000; 2000US-0614150.

PA (PEKE) PE CORP NY.

PI Venter JC, Adams M, Li PWD, Myers EW;

DR WPI: 2001-656860/75.

DR P-PSDB; ABB59431.

PT New isolated nucleic acid detection reagent for detecting 1000 or more
genes from Drosophila and for elucidating cell signalling and cell-cell
interactions -

PS Claim 1; SEQ ID NO 5084; 21pp + Sequence Listing; English.

XX The invention relates to an isolated nucleic acid detection reagent
XX capable of detecting 1000 or more genes from Drosophila. The invention is
XX useful in developmental biology and in elucidating cell signalling and
XX cell-cell interactions in higher eukaryotes for the development of
XX insecticides, therapeutics and pharmaceutical drugs. The invention
XX discloses genomic DNA sequences (AB116176-AB130511), expressed DNA
XX sequences (ABL01840-ABL16175) and the encoded proteins
XX (ABB57737-ABB72072).

CC The sequence data for this patent did not form part of the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pct_sequences.

alignment_scores:

Quality:	11.00	Length:	11
Ratio:	1.000	Gaps:	0
Percent Similarity:	100.000	Percent Identity:	100.000

alignment_block:

US-09-805-550-4 x ABL03534/rev ..

Align seg 1/1 to reverse of: ABL03534 from: 1 to: 4198

173 TTTAAAnAnProGluArGAlaValGluTyrLeu 183
|||||
2391 TATACACACCCGAGAGAGCCGTTGAATATCTC 2359

seq_name: /SID51/gcgdata/geneseq/geneseqn-emb1/NA1995.DAT: AAT23970

seq_documentation_block:

ID AAT23970 standard; CDNA to mRNA; 350 BP.

AC AAT23970;

DT 27-AUG-1996 (first entry)

DE Human gene signature HUMGS05926.

KW Gene signature; messenger RNA; mRNA; relative abundance; frequency;
human; cloning; mapping; non-biased library; diagnosis; detection;
cell typing; abnormal cell function; ss.

OS Homo sapiens.

PN W09514772-A1.

PD 01-JUN-1995.

PF 11-NOV-1994; 94WO-JP01916.

PR 12-NOV-1993; 93JP-0355504.

PA (MATS/) MATSUBARA K.

PA (OKUB/) OKUBO K.

PI Matsubara K, Okubo K;

DR WPI; 1995-206931/27.

XX Identifying gene signatures in 3'-directed human cDNA library - e.g.

PT for diagnosis of abnormal cell function, by preparing cDNA that

PT reflects relative abundance of corresp. mRNA in specific human

PS tissues

XX Claim 1; Page 1499; 2245pp; Japanese.

CC A single-stranded DNA (or its complementary strand or the corresp.

CC double-stranded DNA) which comprises one of the 7837 "GS" sequences

CC given in AAT19001-T26837 and which is able to hybridise to part of

CC human genomic DNA, cDNA or mRNA is claimed. The GS (Gene Signature)

CC sequences were obtained from 3'-directed cDNA libraries prepared

CC from various human tissues; synthesis of cDNA was initiated from the

CC 3'-end of mRNA by using poly(T) as the sole primer. Since the 3'-

CC untranslated sequence is unique to a particular mRNA species, almost

CC all the 3'-oriented cDNAs hybridise with specific mRNAs. Each library

CC is constructed so as to reflect accurately the relative abundance of

CC different mRNAs in the particular tissue from which it was derived.

CC The appearance frequency of a given GS in a cDNA library can be

CC determined (esp. using primers and probes derived from the GS

CC sequences) as a means of diagnosing abnormal cell function or for

CC recognising different cell types.

XX Sequence 350 BP; 54 A; 96 C; 115 G; 69 T; 16 other;

alignment_scores:

Quality: 9.00 Length: 9

Ratio: 1.000 Gaps: 0

Percent Similarity: 100.000 Percent Identity: 100.000

alignment_block:

US-09-805-550-4 x AAT23970/rev ..

Align seg 1/1 to reverse of: AAT23970 from: 1 to: 350

234 ALaGlyGlyAlaGlyGlyPro 242
|||||
51 GCACGTCGAGCTGCACGGGCTGGGCTT 25

seq_name: /SID51/gcgdata/geneseq/geneseqn-emb1/NA1999.DAT: AAX84178

seq_documentation_block:

ID AAX84178 standard; CDNA; 440 BP.

AC AAX84178;

DT 08-SEP-1999 (first entry)

DE DNA encoding human breast tumour protein immunogenic fragment.

KW Breast tumour protein; immunogenic fragment; vaccine; detection;

KW breast cancer development; therapy; ss.

OS Homo sapiens.

PN W09933869-A2.

PD 08-JUL-1999.

PF 22-DEC-1998; 98WO-US27416.

PR 17-JUL-1998; 98US-0118627.

PR 24-DEC-1997; 97US-0998253.

PR 17-JUL-1998; 98US-0118554.

PA (CORI-) CORIAX CORP.

PI Reed SG, Xu J;

DR WPI; 1999-405486/34.

XX New breast tumour protein genes used, in vaccines for immunotherapy,

PT or for diagnosis of breast cancer

PS Claim 12; Page 52; 70pp; English.

XX This sequence encodes a human breast tumour protein immunogenic fragment

CC of the invention. The polypeptides or nucleic acids encoding them are

CC useful in vaccines and pharmaceutical compositions for manufacture of

CC medicaments for inhibiting the development of breast cancer in a patient.

CC They can also be used to treat breast cancer. Antibodies against these

CC polypeptides can be used to detect and monitor progression of breast

CC cancer in patients. Primers and probes derived from the polynucleotides

CC encoding the breast proteins are useful for detection of breast cancer.

CC Peripheral blood cells from a patient incubated in the presence of at

CC least one polypeptide, such that T cells proliferate, are useful in

CC manufacture of a medicament for treating breast cancer in a patient.

CC Antigen presenting cells incubated in the presence of at least one

CC polypeptide are also useful for treating breast cancer.

XX Sequence 440 BP; 70 A; 136 C; 137 G; 89 T; 8 other;

alignment_scores:

Quality: 9.00 Length: 9

Ratio: 1.000 Gaps: 0

Percent Similarity: 100.000 Percent Identity: 100.000

alignment_block:

US-09-805-550-4 x AAX84178/rev ..

Align seg 1/1 to reverse of: AAX84178 from: 1 to: 440

234 ALaGlyGlyAlaGlyGlyPro 242

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seq_name: /SISL/gcgdata/geneseq/geneseqn-emb1/NA2000.DAT:AAC79407
seq_documentation_block:
ID AAC79407 standard; cDNA: 440 BP.
XX
AC AAC79407;
XX
DT 07-FEB-2001 (first entry)
XX
DE 5' cDNA sequence of human breast tumour clone IE-4443.
XX
KW Human; breast tumour antigen; cytostatic; immunotherapy;
KM breast cancer; vaccine; SS.
XX
OS Homo sapiens.
XX
PN M0200061756-A2.
XX
PD 19-OCT-2000.
XX
PE 10-APR-2000; 2000MO-USO9688.
XX
PR 09-APR-1999; 99US-0288950.
PR 02-JUL-1999; 99US-0346327.
XX
PA (CORI-) CORIXA CORP.
XX
PI Reed SG, Xu J, Dillon DC;
XX
DR WPI: 2000-638568/61.
XX
PT A novel isolated polypeptide comprising an immunogenic portion of a
PT breast cancer protein useful in the detection and treatment of breast
PT cancer -
XX
PS Claim 13; Page 66-67; 95pp; English.
XX
CC The present sequence was isolated from a breast tumour cDNA library. It
CC is provided in a specification relating to compounds for immunotherapy
CC and diagnosis of breast cancer. Breast tumour antigens and the
CC polynucleotides that encode them may be used in the production of a
CC pharmaceutical composition to be used in the treatment of breast cancer.
CC proliferated T cells and incubated antigen presenting cells are also
CC required. The polypeptides and polynucleotides may also be used to
CC produce a vaccine.
XX
SO Sequence 440 BP; 70 A; 136 C; 137 G; 89 T; 8 other;

alignment_scores:
Quality: 9.00 Length: 9
Ratio: 1.000 Gaps: 0
Percent Similarity: 100.000 Percent Identity: 100.000

alignment_block:
US-09-805-550-4 x AAC79407/rev ..

Align seg 1/1 to reverse of: AAC79407 from: 1 to: 440

234 Alaglygylglalaglgylyglypro 242
|||||
83 GCAGGTGAGGTGCAGGGGTGCGCCT 57

seq_name: /SISL/gcgdata/geneseq/geneseqn-emb1/NA2001B.DAT:AAS80818
seq_documentation_block:
ID AAS80818 standard; cDNA: 468 BP.
XX
AC AAS80818;
XX
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PT 13-FEB-2002 (first entry)
XX DNA encoding novel human diagnostic protein #16622.
DE
XX
XX Human; chromosome mapping; gene mapping; gene therapy; forensics;
KW food supplement; medical imaging; diagnostic; genetic disorder; ss.
XX
XX Homo sapiens.
OS
XX
XX WO200175067-A2.
PN
XX
XX 11-OCT-2001.
PD
XX
XX 30-MAR-2001; 2001MO-US08631.
PE
XX
XX 31-MAR-2000; 2000US-0540217.
PR
XX
XX 23-AUG-2000; 2000US-0649167.
XX
XX (HYSE-) HYSEQ INC.
PA
XX
XX Dermanac RT, Liu C, Tang YT;
PI
XX
XX WPI; 2001-639362/73.
DR
XX
XX P-PSDB: ABG16631.
XX
XX
XX New isolated polynucleotide and encoded polypeptides, useful in
PT diagnostics, forensics, gene mapping, identification of mutations
PT responsible for genetic disorders or other traits and to assess
PT biodiversity -
PT
XX
XX Claim 1; SEQ ID No 16622; 103pp; English.
XX
XX
XX The invention relates to isolated polynucleotide (I) and
CC polypeptide (II) sequences. (I) is useful as hybridisation probes,
CC polymerase chain reaction (PCR) primers, oligomers, and for chromosome
CC and gene mapping, and in recombinant production of (II). The
CC polynucleotides are also used in diagnostics as expressed sequence tags
CC for identifying expressed genes. (I) is useful in gene therapy techniques
CC to restore normal activity of (II) or to treat disease states involving
CC (II). (II) is useful for generating antibodies against it, detecting or
CC quantitating a polypeptide in tissue, as molecular weight markers and as
CC a food supplement. (II) and its binding partners are useful in medical
CC imaging of sites expressing (II). (I) and (II) are useful for treating
CC disorders involving aberrant protein expression or biological activity.
CC The polypeptide and polynucleotide sequences have applications in
CC diagnostics, forensics, gene mapping, identification of mutations
CC responsible for genetic disorders or other traits to assess biodiversity
CC and to produce other types of data and products dependent on DNA and
CC amino acid sequences. AAS64197-AAS94564 represent novel human
CC diagnostic coding sequences of the invention.
CC Note: The sequence data for this patent did not appear in the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pct_sequences.
XX
XX Sequence 468 BP; 92 A; 119 C; 119 G; 138 T; 0 other:
SQ

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seq_documentation_block:
ID AAC02213 standard; CDNA; 492 BP.
XX
AC AAC02213;
XX
DT 06-OCT-2000 (first entry)
XX
DE Human secreted protein 5' EST, SEQ ID NO: 2211.
XX
KW Human; 5' EST; expressed sequence tag; secreted protein; cDNA isolation;
XX gene therapy; chromosome mapping; ss.
XX
OS Homo sapiens.
XX
PN EP1033401-A2.
XX
PD 06-SEP-2000.
XX
PF 21-FEB-2000; 2000EP-0200610.
XX
PR 26-FEB-1999; 99US-0122487.
XX
PA (GEST ) GENSET.
XX
PI Dumas Milne Edwards J, Duclert A, Giordano J;
XX
DR MPI; 2000-500381/45.
XX
DR P-PSDB; AAC02207.
XX
PT New nucleic acid that is a 5' expressed sequence tag (5' EST) for
PT obtaining cDNAs and genomic DNAs that correspond to 5' ESTs and for
PT diagnostic, forensic, gene therapy and chromosome mapping procedures -
XX
PS Claim 1; SEQ ID 2211; 71bp + CD-ROW; English.
XX
CC The present sequence is one of a large number of 5' ESTs derived from
CC mRNAs encoding secreted proteins. An ORF has been identified within the
CC sequence. The 5' ESTs were prepared from total human RNAs or polyA+ RNAs
CC derived from 30 different tissues. EST sequences usually correspond
CC mainly to the 3' untranslated region (UTR) of the mRNA because they are
CC often obtained from oligo-dT primed cDNA libraries. Such ESTs are not
CC well suited for isolating cDNA sequences derived from the 5' ends of
CC mRNAs and even in those cases where longer cDNA sequences have been
CC obtained, the full 5' UTR is rarely included. 5' ESTs are derived from
CC mRNAs with intact 5' ends and can therefore be used to obtain full length
CC cDNAs and genomic DNAs. 5' ESTs are also used in diagnostic, forensic,
CC gene therapy and chromosome mapping procedures. They are used to obtain
CC upstream regulatory sequences and to design expression and secretion
CC vectors.
XX
SQ Sequence 492 BP; 152 A; 99 C; 160 G; 81 T; 0 other;

alignment_scores:
      quality: 9.00      length: 9
      ratio: 1.000      gaps: 0
Percent Similarity: 100.000 Percent Identity: 100.000

alignment_block:
US-09-805-550-4 x AAC02213/rev ..

Align seq 1/1 to reverse of: AAC02213 from: 1 to: 492

      80 serglySerThrglyThrSerSerSer 88
      ||||||||||||||||||||||||||||
      116 TCGGGCTCCACCGGCGACCTCTGTCATCC 90

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